

Video Viewer

Overview

The Video Viewer offers a powerful and integrated solution for centrally managing and monitoring. Running on Microsoft® Windows® 2000 or XP, CMS software can be accessed securely from any compatible IE browser connection via HTTPS. Each Video Viewer server can manage up to 256 recording cameras simultaneously.

Friendly graphical interface with full functions for the advanced management, intelligent motion detection, flexible scheduled recording and quick event search makes this Video Viewer excellent for every security demand.

Features

- Multi-site surveillance and full Video Viewer running on Windows 2000 or XP
- Maximum 256 cameras recording simultaneously per Video Viewer server
- Allow live viewing, record, playback, backup and network multiplex operations
- Equipped with intelligent motion detection function
- Pre-alarm and post-alarm recording to capture full evidence
- Full record log and graphical design for quick event search
- PTZ camera control

• System Requirements

Operation System	Microsoft® Windows 2000(SP4), XP, or NT 4.0 above
CPU	Intel® Pentium®4 3.00GHZ or compatible above
RAM	512MB (recommended minimum), 1 GB above better

• Central Monitoring

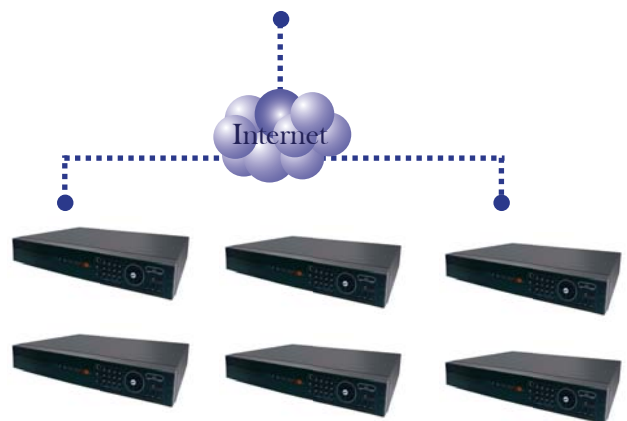
Display Mode	1 CH / 4CH / 6CH / 9CH / 16CH Selectable
Display Mode Setting	Adjustable Sequence & Channel Display Position
Max. Channel NO.	16
Remote DVR/PTZ Camera Control	YES
Real-Time Audio Monitoring	YES
Security Level	Guest / Normal / Super
Password Inquiry	YES
Transmitting Format	MPEG4/JPEG

• Event Management

Motion / Alarm Detection	YES
Advanced Motion Detection Setting	Adjustable Sensitivity & Detection Area
Motion / Alarm Notification	By Email or FTP
Event Log List	YES



Connect up to 16 KSec KPD series DVRs at the same time



• Recording & Playback

Record Mode	Manual / Schedule / Motion / Alarm
Recording Setting	Independent Setting Per Channel
Online/Offline Playback	YES

• Quick Search

Search Interface	Graphical Design for Easy Operation
File Preview	6 Playback Intervals Selectable

• Others

Channel Naming	YES
Remote Backup	YES
Auto Rearrange Database	YES
Pre/Post-Alarm Recording	Max. 60 Seconds
E-Map	Support BMP Image Format Import
Alarm Sound	Customize 4 Sets

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<http://www.avtech.hk>

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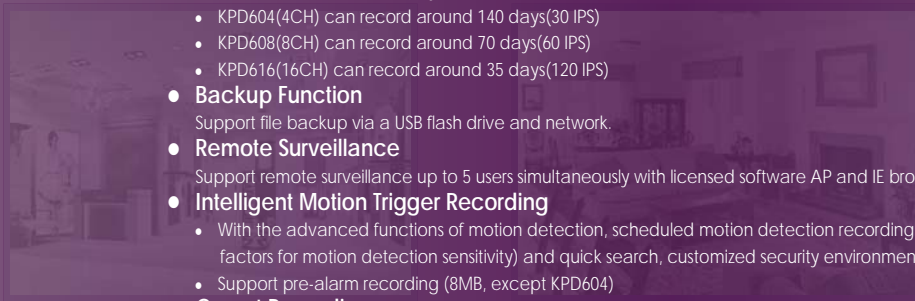
KPD604/KPD608/KPD616

4 / 8 / 16 Channel MPEG-4 Network DVR

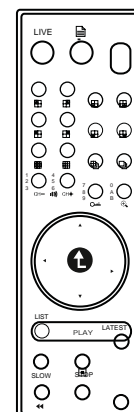
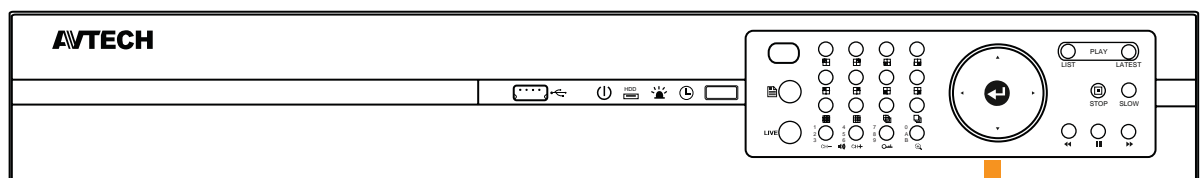


Features

- **MPEG-4 Web Transmission**
MPEG-4 web transmitting compression format for faster transmission and clearer images via network
- **Flexible Function Control Solution With Removable Control Panel**
The control panel can be removed and used as a remote controller
- **Graphical OSD Interface**
Graphical OSD Interface for easier and more friendly usage
- **Multiplex Operation**
Allow live display, record, playback, backup, and network operations at the same time
- **Free Upgrade to Advanced Functions**
Allow you to upgrade DVR functions without any charges
- **Long Recording Time**
500GB HDD, CIF, Normal Quality.
 - KPD604(4CH) can record around 140 days(30 IPS)
 - KPD608(8CH) can record around 70 days(60 IPS)
 - KPD616(16CH) can record around 35 days(120 IPS)
- **Backup Function**
Support file backup via a USB flash drive and network.
- **Remote Surveillance**
Support remote surveillance up to 5 users simultaneously with licensed software AP and IE browser
- **Intelligent Motion Trigger Recording**
 - With the advanced functions of motion detection, scheduled motion detection recording (4 different adjustable factors for motion detection sensitivity) and quick search, customized security environments are achieved
 - Support pre-alarm recording (8MB, except KPD604)
- **Covert Recording**
A mask replaces the live image with a blank screen and the monitor shows nothing, but the recording is still on
- **A/V Support**
 - Support 4 audio-in, 1 audio-out to record sounds (KPD616/KPD608 only)
- **General Function**
 - System auto recovery after power reconnected
 - Daylight saving function
 - Manual / timer / motion / alarm / network recording
 - Watermark to ensure the authentication of recorded images (except KPD604)
 - TCP/IP, PPPoE, DHCP and DDNS network connection



REAR PANEL



Specification

MODEL	KPD604	KPD608	KPD616
Video System	NTSC / PAL (auto switchable)		
Video Compression Format	MPEG-4		
Video Input (Composite video signal 1 Vp-p 75Ω BNC)	4 Channels	8 Channels	16 Channels
Video Output	Main Monitor Output: Composite video signal 1 Vp-p 75Ω BNC		
Maximum Recording Rate (Frame)	720×480 pixels <NTSC> 720×576 pixels <PAL>		
Maximum Recording Rate (CIF)	352×240 pixels <NTSC> 352×288 pixels <PAL>		
Adjustable Recording Speed (Frame)	30, 15, 7, 3 IPS <NTSC> 25, 12, 6, 3 IPS <PAL>		
Adjustable Recording Speed (CIF)	120, 60, 30, 15 IPS <NTSC> 100, 50, 25, 12 IPS <PAL>		
Multilingual OSD	YES		
Image Quality Setting	Best / High / Normal / Basic		
Hard Disk Storage	Accommodate 1 HDDs (HDDs are optional)	Accommodate 2 HDDs (HDDs are optional)	
HDD Quick Cleaning	Quick clean up the "index system" of the recorded files (750GB under 2 seconds)		
Recording Mode	Manual / Timer / Motion / Alarm / Remote		
Watermark	None	YES	
Refresh Rate	120 IPS for NTSC / 60 IPS for PAL	240 IPS for NTSC / 200 IPS for PAL	480 IPS for NTSC / 400 IPS for PAL
Multiplex Operation	Pentaplex: live display,record,playback,backup and network		
Audio I/O	1 audio inputs, 1 audio output (Mono)	4 audio inputs, 1 audio output (Mono)	
R.E.T.R (Remote Event Trigger Recording)	YES		
Motion Detection Area	16 × 12 grids per camera for all channels		
Motion Detection Sensitivity	4 adjustable variables with precise calculation for motion detection		
Pre-alarm Recording	NO	YES(8 MB)	
Backup Device	1. USB flash drive; 2. Network	1. USB flash drive; 2. Network 3.CD-RW/DVD-RW drive backup(optional)	
USB Interface	Front panel * 1 USB 2.0		
Web Transmission	MPEG-4		
Ethernet	10/100 Base-T. Support remote control and live view via Ethernet		
Web Interface	Support licensed software AP and IE browser		
Remote Alarm Notification	YES		
Network Protocol	TCP/IP / PPPOE / DHCP / DDNS		
IR Transmitter	YES		
Alarm I/O	2X digital zoom (live only)		
Picture Zoom	4 inputs, 1 output	8 inputs, 1 output	16 inputs, 1 output
Key Lock	YES		
Video Loss Detection	YES		
Camera Title	Support up to 6 letters		
Video Adjustable	Hue / Color / Contrast / Brightness		
Date Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, and OFF		
Daylight Saving	YES		
Power Source	DC 19V		
Power Consumption	10℃ ~ 40℃ (50℃~104℃)		
Operating Temperature	<42 W	<64 W	
Dimensions (mm)	343mm (W) × 59mm (H) × 223mm (D)	432mm (W) × 65mm (H) × 300mm (D)	
System Recovery	System auto recovery after power reconnected		

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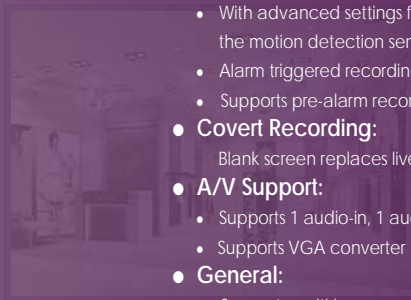
AVC760A

MPEG4 DVR (4CH)

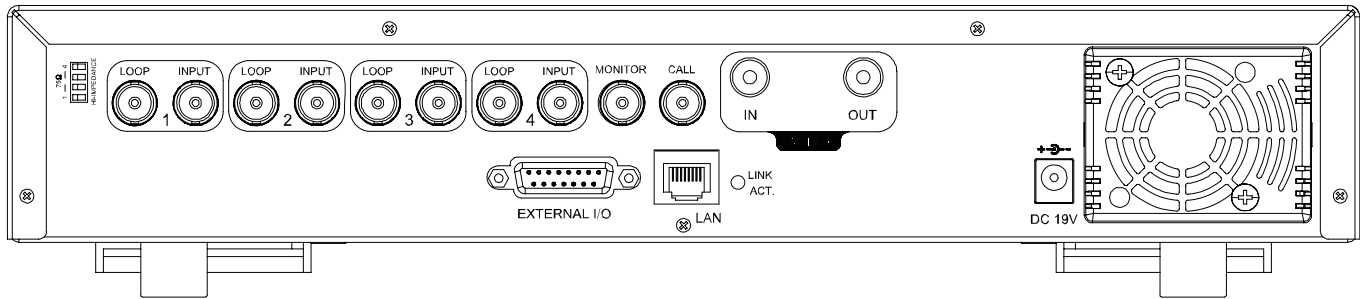


Features

- **MPEG4 Technology**
 - Local MPEG4 compression format providing crystal clear images with real time performance
 - Remote MPEG4 web transmitting for faster transmission and clearer images via network
- **Multiplex**
 - Allows live display, record, playback, backup and network operation at the same time
- **Backup Function:**
 - Supports network remote recording & backup
- **Remote Surveillance:**
 - Remote surveillance with the licensed software AP, IE browser and Mozilla Firefox browser
 - Web surveillance with 20 users simultaneously
- **Intelligent Motion Trigger Recording:**
 - With advanced settings for motion detection, scheduled motion detection recording (4 different adjustable factors for the motion detection sensitivity) and convenient search function, customized security environment is achieved
 - Alarm triggered recording will send alerts with images to the designated e-mails and FTP address
 - Supports pre-alarm recording (8MB)
- **Covert Recording:**
 - Blank screen replaces live displays to achieve covert recording
- **A/V Support:**
 - Supports 1 audio-in, 1 audio-out to record sounds
 - Supports VGA converter (optional)
- **General:**
 - Supports multi-language OSD
 - System auto recovery after power failure
 - Supports daylight-saving function
 - Supports manual / timer / motion / alarm / remote recording functions
 - Ensures the authentication of recorded images with the watermark function
 - Supports TCP/IP, PPPoE, DHCP and DDNS network connection



REAR PANEL



Specification

MODEL	AVC760A
Video System	NTSC / PAL (auto detection)
Video Compression Format	MPEG4
Video Input	4 Channels. Composite video signal 1 Vp-p 75Ω BNC
Video Loop Out	4 Channels. Composite video signal 1 Vp-p 75Ω BNC
Video Output	Main Monitor Output: Composite video signal 1 Vp-p 75Ω BNC Call Monitor Output: Composite video signal 1 Vp-p 75Ω BNC
Maximum Recording Rate	Frame: 720×480 pixels with 30 IPS <NTSC> / 720×576 pixels with 25 IPS <PAL> CIF: 352×240 pixels with 120 IPS <NTSC> / 352×288 pixels with 100 IPS <PAL>
Adjustable Recording Speed	Frame: 30, 15, 7, 3 IPS <NTSC> / 25, 12, 6, 3 IPS <PAL> CIF: 120, 60, 30, 15 IPS <NTSC> / 100, 50, 25, 12 IPS <PAL>
Image Quality Setting	Best, High, Normal and Basic
Hard Disk Storage	Support HDD * 1, support HDD capacity over 1000GB
HDD Quick Cleaning	Quick clean up the "index system" of the recorded files. 1000GB under 2 seconds
Recording Mode	Manual / Timer / Motion / Alarm / Remote
Refresh Rate	120 IPS for NTSC / 100 IPS for PAL
Audio I/O	1 audio input, 1 audio output (Mono)
Motion Detection Area	16 × 12 grids per camera for all channels
Motion Detect Sensitivity	4 adjustable variables with precise calculation for motion detection
Pre-alarm Recording	Yes (8MB)
Backup Device	Network
Web Transmitting / Compression Format	MPEG4
Ethernet	10/100 Base-T. Support remote control and live view via Ethernet
Web Interface	Support licensed software AP, IE browser and Mozilla Firefox browser
Remote Alarm Notification	E-mail images, and upload images to FTP site's specific account
Network Connection	Support TCP/IP, PPPoE, DHCP and DDNS function
PTZ control	Support PELCO-D protocol
Dwell Time (Sequential Channel Switch)	Programmable with adjustable dwell time
Alarm I/O	4 inputs, 1 output
Digital Zoom	2X digital zoom (live mode)
Key Lock	Yes
Video Loss Detection	Yes
Camera Title	Support up to 6 letters
Video Adjustable	Hue / Color / Contrast / Brightness
Date Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, and Off
Power Source	DC 19V
Power Consumption	<42 W
Operating Temperature	10°C ~ 40°C (50°F~104°F)
Dimensions (mm)	343mm (W) × 59mm (H) × 223mm (D)
System Recovery	System auto recovery after power failure
Optional Peripheral	Keyboard Controller / VGA Converter

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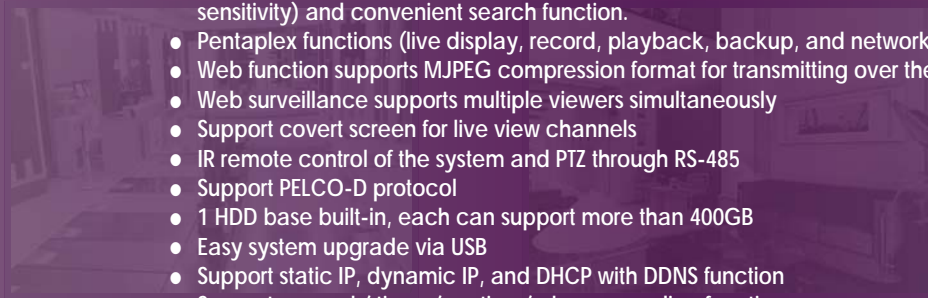
AVC785

8-CH MPEG-4 DVR Real Time Performance~ 240 IPS (NTSC) / 200 IPS (PAL)

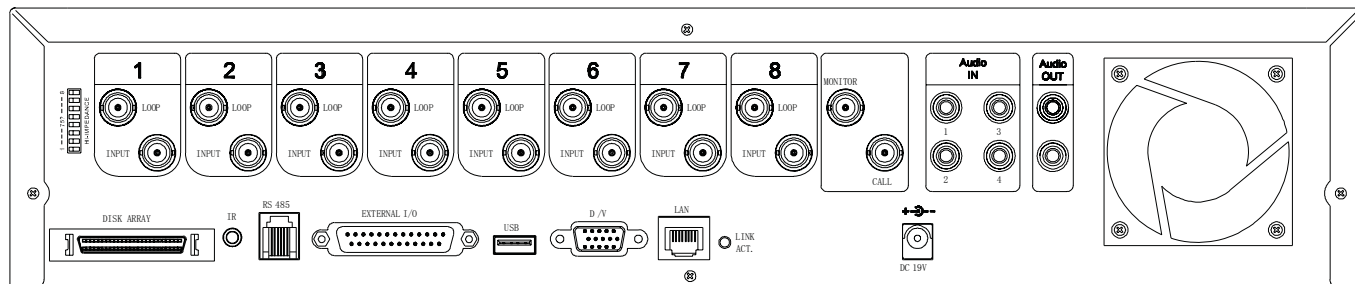


Features

- MPEG-4 real time compression format
- High resolution recording (For 8 channels):
Frame: 720 × 480 pixels with 60 IPS (NTSC) / 720 × 576 pixels with 50 IPS (PAL)
CIF: 352 × 240 pixels with 240 IPS (NTSC) / 352 × 288 pixels with 200 IPS (PAL)
- Image quality setting: Best, High, Normal, and Basic
- Extensive recording time by connected to Independent Disk Array.
- Remote surveillance on mobile phone via GPRS, or on PC through internet connection
- Easy file backup methods with USB, and network remote recording backup
- Alarm trigger recording will send alert with images to designated e-mail and FTP address
Also supports pre-alarm recording (8MB)
- Advanced motion detection function (4 different adjustable factors of motion detection sensitivity) and convenient search function.
- Pentaplex functions (live display, record, playback, backup, and network)
- Web function supports MJPEG compression format for transmitting over the internet
- Web surveillance supports multiple viewers simultaneously
- Support covert screen for live view channels
- IR remote control of the system and PTZ through RS-485
- Support PELCO-D protocol
- 1 HDD base built-in, each can support more than 400GB
- Easy system upgrade via USB
- Support static IP, dynamic IP, and DHCP with DDNS function
- Support manual / timer / motion / alarm recording functions
- Record audio with 4ch in and 2ch out
- System auto recovery after power reconnected
- Optional Peripherals: independent disk array; DVD add-on card, VGA connector



REAR PANEL



Specification

MODEL	AVC785
Video System	NTSC / PAL (switch able)
Video Compression Format	MPEG 4
Video Input	8 Channels. Composite video signal 1 Vp-p 75Ω BNC
Video Loop Out	16 Channels. Composite video signal 1 Vp-p 75Ω BNC
Video Output	Main Monitor Output: Composite video signal 1 Vp-p 75Ω BNC Call Monitor Output: Composite video signal 1 Vp-p 75Ω BNC
Maximum Recording Rate	Frame: 720 × 480 pixels with 60 IPS <NTSC> / 720 × 576 pixels with 50 IPS <PAL> CIF: 352 × 240 pixels with 240 IPS <NTSC> / 352 × 288 pixels with 200 IPS <PAL>
Adjustable Recording Speed	Frame: 60, 30, 15, 7 IPS <NTSC> / 50, 25, 12, 6 IPS <PAL> CIF: 240, 120, 60, 30 IPS <NTSC> / 200, 100, 50, 25 IPS <PAL>
Image Quality Setting	Best, high, normal, and basic
Hard Disk Storage	IDE type, ATA66, supported HDD * 2, support each HDD capacity over 400GB
HDD Quick Cleaning	Quick clean up the "index system" of the recorded files. 250GB under 2 seconds
Recording Mode	Manual / Timer / Motion / Alarm
Refresh Rate	240 IPS for NTSC / 200 IPS for PAL
Multiplex Operation	Pentaplex functions (live display, record, playback, backup, and network)
Audio I/O	4 audio inputs, 2 audio outputs (Mono)
Motion Detection Area	16 × 12 grid per camera for all channels
Motion Detect Sensitivity	4 adjustable variable with precise calculation for motion detection
Pre-alarm recording	Yes (8MB)
Backup Device	USB1.1 Backup, and network remote recording backup
Web Transmitting Compression Format	Motion JPEG
Ethernet	10/100 Base-T. Support remote control and live view via Ethernet.
Mobile Surveillance	Support GPRS to access the system via mobile phone (require J2ME, MIDP2.0 protocol)
Web Interface	Support licensed software AP, and IE browser
Remote Alarm Notification	E-mail images, and images uploading to FTP site's specific account
Network Connection	Support static IP, dynamic IP, and DHCP with DDNS function
USB Interface	Support 2 USB 1.1 ports (front panel * 1, back panel * 1)
Remote Control	Remote control DVR and PTZ via IR transmitter (RS-485)
PTZ control	Support PELCO-D protocol
Dwell Time (Sequential Channel Switch)	Programmable with adjustable dwell time
Alarm I/O	8 inputs, 1 outputs
Picture Zoom	Support 2X digital zoom function
Key Lock	Yes
Video Loss Detection	Yes
Camera Title	Support up to 6 letters
Video Adjustable	Hue / Color / Contrast / Brightness
Date Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, and Off
Power Source	DC 19V
Current Consumption	<64 W
Operating Temperature	10 °C ~ 40°C (50°F~104°F)
Dimensions (mm)	432mm (W) × 90mm (H) × 326mm (D)
System Recovery	System auto recovery after power reconnected
Optional Peripherals	Independent Disk Array; DVD add-on card, VGA connector

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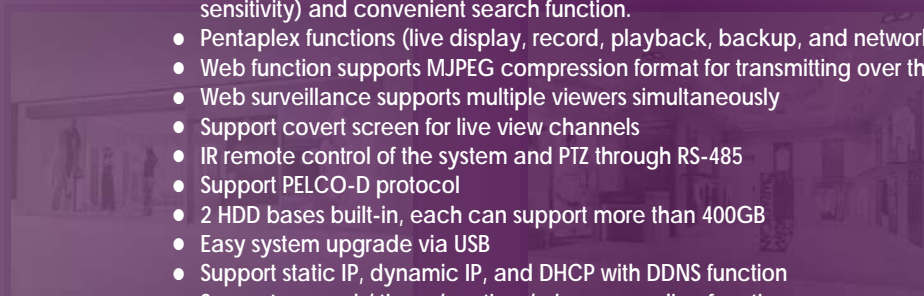
AVC787

16-CH MPEG-4 DVR Real Time Performance~ 480 IPS (NTSC) / 400 IPS (PAL)

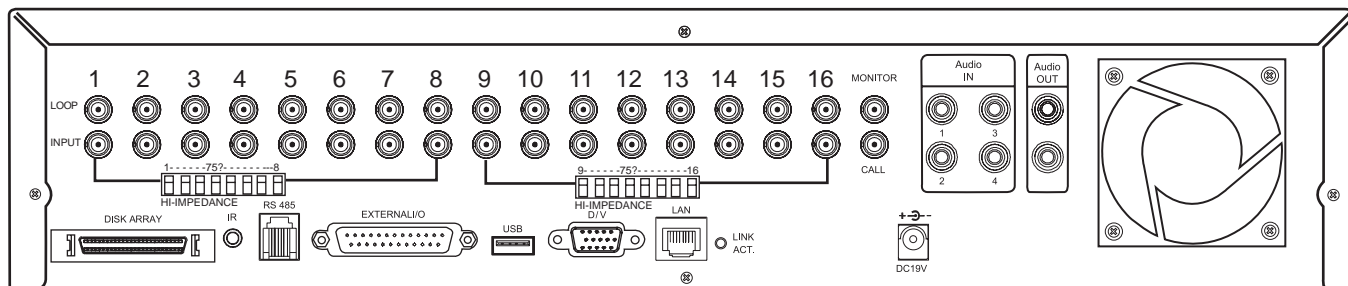


Features

- MPEG-4 real time compression format
- High resolution recording (For 16 channels):
Frame: 720 × 480 pixels with 120 IPS (NTSC) / 720 × 576 pixels with 100 IPS (PAL)
CIF: 352 × 240 pixels with 480 IPS (NTSC) / 352 × 288 pixels with 400 IPS (PAL)
- Image quality setting: Best, High, Normal, and Basic
- Extensive recording time by connected to Independent Disk Array.
- Remote surveillance on mobile phone via GPRS, or on PC through internet connection
- Easy file backup methods with USB, and network remote recording backup
- Alarm trigger recording will send alert with images to designated e-mail and FTP address
Also supports pre-alarm recording (8MB)
- Advanced motion detection function (4 different adjustable factors of motion detection sensitivity) and convenient search function.
- Pentaplex functions (live display, record, playback, backup, and network)
- Web function supports MJPEG compression format for transmitting over the internet
- Web surveillance supports multiple viewers simultaneously
- Support covert screen for live view channels
- IR remote control of the system and PTZ through RS-485
- Support PELCO-D protocol
- 2 HDD bases built-in, each can support more than 400GB
- Easy system upgrade via USB
- Support static IP, dynamic IP, and DHCP with DDNS function
- Support manual / timer / motion / alarm recording functions
- Record audio with 4ch in and 2ch out
- System auto recovery after power reconnected
- Optional Peripherals: independent disk array; DVD add-on card, VGA connector



REAR PANEL



Specification

MODEL	AVC787
Video System	NTSC / PAL (switch able)
Video Compression Format	MPEG 4
Video Input	16 Channels. Composite video signal 1 Vp-p 75Ω BNC
Video Loop Out	16 Channels. Composite video signal 1 Vp-p 75Ω BNC
Video Output	Main Monitor Output: Composite video signal 1 Vp-p 75Ω BNC Call Monitor Output: Composite video signal 1 Vp-p 75Ω BNC
Maximum Recording Rate	Frame: 720 × 480 pixels with 120 IPS <NTSC> / 720 × 576 pixels with 100 IPS <PAL> CIF: 352 × 240 pixels with 480 IPS <NTSC> / 352 × 288 pixels with 400 IPS <PAL>
Adjustable Recording Speed	Frame: 120, 60, 30, 15 IPS <NTSC> / 100, 50, 25, 13 IPS <PAL> CIF: 480, 240, 120, 60 IPS <NTSC> / 400, 200, 100, 50 IPS <PAL>
Image Quality Setting	Best, high, normal, and basic
Hard Disk Storage	IDE type, ATA66, supported HDD * 2, support each HDD capacity over 400GB
HDD Quick Cleaning	Quick clean up the "index system" of the recorded files. 250GB under 2 seconds
Recording Mode	Manual / Timer / Motion / Alarm
Refresh Rate	480 IPS for NTSC / 400 IPS for PAL
Multiplex Operation	Pentaplex functions (live display, record, playback, backup, and network)
Audio I/O	4 audio inputs, 2 audio outputs (Mono)
Motion Detection Area	16 × 12 grid per camera for all channels
Motion Detect Sensitivity	4 adjustable variable with precise calculation for motion detection
Pre-alarm recording	Yes (8MB)
Backup Device	USB1.1 Backup, and network remote recording backup
Web Transmitting Compression Format	Motion JPEG
Ethernet	10/100 Base-T. Support remote control and live view via Ethernet.
Mobile Surveillance	Support GPRS to access the system via mobile phone (require J2ME, MIDP2.0 protocol)
Web Interface	Support licensed software AP, and IE browser
Remote Alarm Notification	E-mail images, and images uploading to FTP site's specific account
Network Connection	Support static IP, dynamic IP, and DHCP with DDNS function
USB Interface	Support 2 USB 1.1 ports (front panel * 1, back panel * 1)
Remote Control	Remote control DVR and PTZ via IR transmitter (RS-485)
PTZ control	Support PELCO-D protocol
Dwell Time(Sequential Channel Switch)	Programmable with adjustable dwell time
Alarm I/O	16 inputs, 1 outputs
Picture Zoom	Support 2X digital zoom function
Key Lock	Yes
Video Loss Detection	Yes
Camera Title	Support up to 6 letters
Video Adjustable	Hue / Color / Contrast / Brightness
Date Display Format	YY/MM/DD, DD/MM/YY, MM/DD/YY, and Off
Power Source	DC 19V
Current Consumption	<64 W
Operating Temperature	10 °C ~ 40°C (50°F~104°F))
Dimensions (mm)	432mm (W) × 90mm (H) × 326mm (D)
System Recovery	System auto recovery after power reconnected
Optional Peripherals	Independent Disk Array; DVD add-on card, VGA connector

AVTECH

AVM208/AVM157



IR Pro Camera



Outdoor Type



Water Proof



IR Shift



IR effective Distance



Indoor Type



Line Lock



IR Shift



IR effective Distance



Conventional

Color shift



AVM Series

True color



Conventional

Overexposure



AVM Series

Clear image



Conventional

B / W



AVM Series

Colorful



Conventional

Blur at far end



AVM Series

Clear at far end

OVERVIEW

To satisfy the environments where low visibility is encountered and high demand of safeguard is a necessity, we're proud to announce the presence of this new innovative IRpro series camera. Equipped with "IR Shifter", "Smart Light Control" and a large aperture lens (F1.2 / F1.4), this camera optimizes the advantages of an IR camera to provide sharp and clear images, and smartly extends the life of an IR camera to provide great reliability.

Features

- **Smart Light Control (Dynamic adjustment for clear and accurate Image):**

Clear and Sharp Image Without Over-exposure:

Compared with conventional IR cameras to use CDS sensor only for controlling IR light, IRpro series products use both "CDS" and Image Comparison" method to judge whether IR LEDs should be activated for light compensation.

Longer IR LED Life:

Because of the effective control of IR LEDs and exclusive MCU design, the IR LED life is greatly extended and reduces the cost for using this camera.

- **Patent Mechanical IR Filter shift design (to get true color and clear images):**

Daytime (True Color):

True color is presented for these IR camera series to receive the same visible light as human beings can see.

At night (Clear Image):

IR Filter is automatically shifted away for the CCD to receive Infrared light passing through the lens providing clear and better images.

Besides, the sensor sensitivity and brightness are raised up compared with traditional IR cameras because of the usage of the large aperture lens.

- **Large Aperture Lens:**

Large Amount of Light Passing Through Lens:

Equipped with large aperture (F1.2 / F1.4) lenses, the amount of light passing through the lens for these IR camera series are more than other normal cameras in the market.

Lower Power Consumption:

Because of the large amount of light passing through the lens, IR LEDs do not need to be always on for night surveillance. This not only reduces the power consumption, but also extends the IR LED life of your IRpro camera.

Specification

MODEL	AVM208	AVM157
Pick-up Element	1/3" SONY Color Super HAD CCD image sensor	1/3" SONY Color Super HAD CCD image sensor
Number of Pixels	768(H)x494(V) <NTSC> / 752(H)x582(V) <PAL>	510(H) x 492(V) <NTSC> / 500(H) x 582(V) <PAL>
Resolution	480TV Lines	380 TV Lines
Min. Illumination	0.36 Lux / F1.2 (IR LED OFF)	0.25Lux / F1.4 (IR LED OFF)
Effective Distance	40 Meters (6mm ~ 8mm) / 50 Meters (12mm)	20 Meters
IR LED	102 units	24 units
S/N Rate	More than 48dB (AGC off)	More than 48dB (AGC off)
Lens	6.0mm / 8.0mm / 12.0mm	6.0mm / 8.0mm
F-number	F1.2 (12.0 mm) / F1.4 (6.0 mm ~ 8.0 mm)	F1.4 (6.0 mm ~ 8.0 mm)
Lens Angle	56° / 42° / 28°	56° / 42°
Video Output	1.0Vp-p composite, 75Ω	1.0Vp-p composite, 75Ω
IR LED Control	Smart Light Control	Smart Light Control
D&N Filter Control	Auto IR Shifter	Auto IR Shifter
IP Rating	IP67	IP67
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.	1/60 (1/50) to 1/100,000 sec.
Line Lock	NO	YES
Iris Mode	AES	AES
Power Source	AC100V ~ 240V ± 10% / AC24V	AC100V ~ 240V ± 10%
Current / Power Consumption	25W	Max. 5W
Operating Temperature	0°C ~ 40°C (32°F~104°F)	0°C ~ 40°C (32°F~104°F)
Dimension (mm)	250 (L) x 137 (W) x 114.12 (H)	112 (L) x 82 (W) x 75 (H)
Weight	1.92 kg	598g

AVTECH

KPC132C/KPC132S

 Color Dome Camera



1/3" Color CCD Camera

This series camera is a dome camera with low cost but high quality.

KPC132C

Features

- 1/3" HR color CCD
- High resolution of 520 TVL
- Low light sensitivity of 0.6 Lux at F2.0
- High reliability under long time operation

KPC132S

Features

- Standard resolution of 420 TVL
- Built in Auto Electronic Shutter
- Minimum illumination of 0.4 Lux at F2.0
- Small and exquisite

Specification

MODEL	KPC132C	KPC132S
Pick up Element	1/3" HR color CCD image sensor	1/3" Color CCD image sensor
Number of Pixel	771(H) x 492(V) <NTSC> / 753(H) x 582(V) <PAL>	512(H) x 492(V) <NTSC> / 512(H) x 582(V) <PAL>
Resolution	520 TVL	420 TVL
Minimum illumination	0.6 Lux / F2.0	0.4 Lux / F2.0
S/N Ratio	More than 48dB (AGC off)	More than 48dB (AGC off)
Electronic Shutter	1/50 to 1/100,000 sec.	1/60 (1/50) to 1/100,000 sec.
Lens	f3.6mm / F2.0	f3.6mm / F2.0
Lens Angle	92°	92.6°
IRIS Mode	AES	AES
Gain Control	-	Auto
White Balance	ATW	ATW
Video Output	1.0 Vp-p composite, 75Ω	1.0Vp-p composite, 75Ω
Power Source (±10%)	DC12V	DC12V
Current Consumption (±10%)	90 mA	110mA
Dimension (mm)	100(Ø) × 60(H)	100(Ø) × 60(H)

AVTECH

KPC133B/KPC133C

 Color IR Camera



Colorful



B / W



True color



Color shift

KPC133B

Features

- Standard resolution of 420TVL
- High sensitivity in the dark environment, 0.4Lux / F2.0, 0Lux (IR ON)
- Day and night features for 24-hour surveillance
- Excellent image quality
- IR LED effective range reaches up to 15 meters

KPC133C

Features

- High resolution of 520TVL
- High sensitivity in the dark environment, 0.4Lux / F2.0, 0Lux (IR ON)
- Day and night features for 24-hour surveillance
- IR LED effective range reaches up to 15 meters

Specification

MODEL	KPC133B	KPC133C
Pick up Element	1/3" color CCD image sensor	1/3" H.R. color CCD image sensor
Number of Pixel	512(H) x 492(V) <NTSC> / 512(H) x 582(V) <PAL>	512(H) x 492(V) <NTSC> / 512(H) x 582(V) <PAL>
Resolution	420 TVL	520 TVL
Min. Illumination	0.4Lux / F2.0, 0Lux (IR ON)	0.4Lux / F2.0, 0Lux (IR ON)
IR LED	21 units	21 units
Effective Range	Up to 15 Meters	Up to 15 Meters
S/N Ratio	More than 48dB (AGC off)	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.	1/60 (1/50) to 1/100,000 sec.
Lens	f3.6mm / F2.0	f3.6mm / F2.0
Lens Angle	92.6°	92.6°
IRIS Mode	AES	AES
White Balance	ATW	ATW
Video Output	1.0 Vp-p composite, 75Ω	1.0 Vp-p composite, 75Ω
Power Source (±10%)	DC12V	DC12V
Current Consumption (±10%)	90mA (IR OFF), 280mA (IR ON)	90mA (IR OFF), 210mA (IR ON)

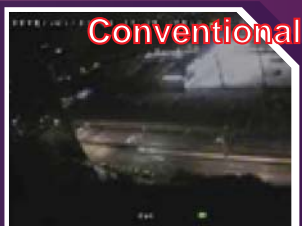
AVTECH

KPC138B/KPC138C

21 LEDs IR Camera



Colorful



B / W



True color



color shift

KPC138B

Features

- Standard resolution of 420TVL
- High sensitivity in the dark environment, 0.4Lux / F2.0, 0Lux (IR ON)
- Day and night features for 24-hour surveillance
- Excellent image quality
- IR LED effective range reaches up to 15 meters

KPC138C

Features

- High resolution of 520TVL
- High sensitivity in the dark environment, 0.4Lux / F2.0, 0Lux (IR ON)
- Day and night features for 24-hour surveillance
- Excellent image quality
- IR LED effective range reaches up to 15 meters

Specification

MODEL	KPC138B	KPC138C
Pick up Element	1/3" color CCD image sensor	1/3" color CCD image sensor
Number of Pixel	512(H) x 492(V) <NTSC> / 512(H) x 582(V) <PAL>	771(H) x 492(V) <NTSC> / 753(H) x 582(V) <PAL>
Resolution	420TVL	520TVL
Min. Illumination	0.4Lux / F2.0, 0Lux (IR ON)	0.4Lux / F2.0, 0Lux (IR ON)
IR LED	21 units	21 units
Effective Range	Up to 15 Meters	Up to 15 Meters
S/N Ratio	More than 48dB (AGC off)	More than 48dB (AGC off)
Electronic Shutter	1/60 (1/50) to 1/100,000 sec.	1/60 (1/50) to 1/100,000 sec.
Lens	f3.6mm / F2.0	f3.6mm / F2.0
Lens Angle	92.6°	92.6°
IRIS Mode	AES	AES
White Balance	ATW	ATW
Video Output	1.0 Vp-p composite, 75Ω	1.0 Vp-p composite, 75Ω
Power Source (±10%)	DC12V	DC12V
Current Consumption (±10%)	90mA (IR OFF), 280mA (IR ON)	90mA (IR OFF), 210mA (IR ON)